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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/701,307	11/04/2003	Nobutoshi Asai	09792909-5729	5037
	7590	EXAMINER		
P.O. BOX 0610	080	VAN ROY, TOD THOMAS		
WACKER DRIVE STATION, SEARS TOWER CHICAGO, IL 60606-1080			ART UNIT	PAPER NUMBER
,			2828	
			MAIL DATE	DELIVERY MODE
		02/12/2009	PAPER	

# Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Diffice Action Summary    Top 1. Van Roy   Diffice Action Summary   Top 1. Van Roy   Diffice Action Summary   Top 1. Van Roy   Diffice Action Summary   Top 1. Van Roy   Diffice Action Summary   Top 1. Van Roy   Diffice Action Summary   Diffice Action Summary   Top 1. Van Roy   Diffice Action Summary   Diffice Action Summary   Diffice Action Or form PTO-152.			Applica	pplication No. Applicant(s)						
TOD T. VAN ROY    2828			10/701,	307	ASAI ET AL.					
Period for Repty  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of this may be available under the provision of 37 CFR 1.13(6). In no event, however, may a repty be timely filed after SIX (8) MONTHS from the mailing date of this communication.  - If NO period to repty is specified above, the meaning above period will apply and will expire SIX (8) MONTHS from the mailing date of this communication.  - Failure to repty within the set of extended period for repty will, by statute, cause the application to become ABANDONED (36 U.S.C. § 133). Any repty received by the Office laber than these meaning date of this communication. even if timely filled, may reduce any centred patient before deplayed above, the meaning date of this communication. even if timely filled, may reduce any centred patient before deplayed above, the meaning date of this communication. even if timely filled, may reduce any centred patient before deplayed above, the meaning date of this communication. even if timely filled, may reduce any centred patient before deplayed above, the meaning date of this communication.  - Failure to repty with the provided above, the meaning date of this communication.  - Failure to repty with the provided above, the meaning date of this communication.  - Failure to repty with the provided above, the meaning date of this communication.  - Failure to repty with the provided above, the meaning date of this communication.  - Failure to repty with the provided above, the meaning date of this communication.  - Failure to repty selected to repty the provided above, the repty the p	Office Action Summary			er	Art Unit					
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11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).		Applicant may not request that any obje	ction to the drawing(s)	be held in abeyance. Se	e 37 CFR 1.85(a).					
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Attachment(s)	_			_						
1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)  Paper No(s)/Mail Date										
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO/SB/08)  Paper No(s)/Mail Date  Notice of Informal Patent Application										
Paper No(s)/Mail Date 6) Other:										

#### **DETAILED ACTION**

#### Response to Amendment

The Examiner acknowledges the amending of claims 1, 2, 8 and 9.

### Response to Arguments

Applicant's arguments with respect to the pending claims have been considered but are most in view of the new ground(s) of rejection.

The Examiner acknowledges the Applicant's arguments filed 10/24/2008, and is slightly changing the grounds of the rejection based on this. Therefor, the current office action will be made non-final.

From the previous office action (for clarity):

The Examiner notes that Yamada's discussion of the affect of incident external light is such that it is effectively prevented. This is accomplished first by the color filter in fig.19, and secondly by the electrode and additional device materials and thicknesses. The color filter eliminates all but the wavelengths closest to that emitted from the cavity from passing into the device. Next, the cavity (made up partially by the electrodes) is taught to function as a bandpass filter and to be prevented from being reflected back through the device (col.12 lines 56-64). Therefor the outside light is reflected at substantially the same strength from each electrode, effectively being zero for each.

As Yamada has been shown to utilize the same formula for cavity construction (abs.) as the Applicant, any remaining external light which may be reflected would necessarily have opposite phases to satisfy the bounds of the equation.

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2, 4-5, 8-9, and 11-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Yamada et al. (US 7102282).

With respect to claim 1, Yamada discloses a light emitting device comprising a resonator structure (fig.19 L) comprising a first electrode (fig.19 #12), a second electrode (fig.19 #15), and a light emitting layer (fig.19 #13c) between the first and second electrodes; and a color filter disposed over the second electrode (fig.19 #20), wherein the first and second electrode both reflect light (inherent that both would not be 100% transparent and at least some portion of the light would be reflected), the resonator structure resonates light generated in the light emitting layer and is extracted from at least the second electrode side of the electrode, and the materials and thicknesses of the first and second electrodes are selected such that the first and second electrode both reflect outside light at substantially the same strength (col.7-8 lines 49-5 describe the first and second electrode materials (refractive index) and thicknesses are chosen such that the phase portion of the disclosed formula is satisfied;

further, col.12 lines 48-64 describes that the cavity formed of #13, as well as the bounding electrodes, is of a composition such that external light is prevented from being reflected, meaning no reflection from either electrode).

With respect to claim 2, Yamada discloses that of claim 1, and the use of the stated formula (abs.).

With respect to claims 4 and 5, Yamada discloses a semi-transparent reflection layer (fig.4 #14) is provided on the second end, and has an extinction coefficient of 0.5 or more and a refractive index of 1 or less (since is made of Mg/Ag alloy).

With respect to claims 8-9, Yamada further discloses multiple display devices (col.2 lines 44-51).

With respect to claims 11 and 12, Yamada discloses a semi-transparent reflection layer (fig.4 #14) is provided on the second end, and has an extinction coefficient of 0.5 or more and a refractive index of 1 or less (since is made of Mg/Ag alloy).

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TOD T. VAN ROY whose telephone number is (571)272-8447. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Minsun Harvey can be reached on (571)272-1835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tod T Van Roy/ Examiner, Art Unit 2828